

COMPUTER-AIDED PROGRESSIVE DIE DESIGN SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

According to one embodiment of the invention, a computerized method for designing a progressive die used in the manufacturing of a part formed from sheet metal includes receiving, at a computer, information regarding one or more features of the part, and determining, by the computer, a blank layout for the part based on the features of the part and the number of parts desired. The computer further determines one or more details of a strip for the blank layout, information regarding a die base based on the details of the strip, and information regarding one or more inserts for die plates of the die base based on operations of the processes needed to form the features in the part. The computerized method further includes generating, by the computer, one or more outputs associated with the progressive die.